

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-86
Relating to Certification of New Motor Vehicles

CHRYSLER CORPORATION

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That Chrysler Corporation exhaust emission control systems are certified as described below for 1981 model-year gasoline-powered light duty trucks.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
BCR5.9T4BC5	318/360 (5.2)&(5.9)	Air Injection - Pump Exhaust Gas Recirculation Oxidation Catalyst

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1981 model-year vehicles:

<u>Engine Family</u>	<u>Equiv. Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
BCR5.9T4BC5	4000-5999	0.48	8.5	1.4

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles except Motorcycles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-9-4 series.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That Chrysler Corporation has provided to the Executive Officer all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 23rd day of July, 1980.


K. D. Drachand, Chief
Mobile Source Control Division

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Chrysler Executive Order No. A-9-86 Page 1

Engine Family BCR5.9T4BC5 Evaporative Family BCRRT & BCRRW

ABBREVIATIONS Engine CID (Liters) 318/360 (5.2 & 5.9)

Ignition System

CA-Centrifugal Advance
EEC-Electronic Engine Control
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

Exhaust Emissions Control System

AIP-Air Injection-Pump
AIV-Air Injection-Valve
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst System
TR-Thermal Reactor
TWC-Three Way Catalyst System

Special Features

CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DI-Diesel Injection
EFI-Electronic Fuel Injection
MFI-Mechanical Fuel Injection
TC-Turbocharged

Fuel System

CFI, DI, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Vehicle Model

B1, B2
D150, W150

AW1

PB1, PB2
PW1

Carline

*Dodge Van & Dodge Sportsman Wagon
*Dodge Pick Up

*Dodge Ramcharger

*Plymouth Voyager Wagon
*Plymouth Trailduster

*Add 10% to dyno test Hp for air conditioning usage.

E.O. #A-9-86

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☐ Passenger Cars ☒ Light-Duty Trucks ☐ Medium-Duty Vehicles ☒ Gas ☐ Diesel

Manufacturer Chrysler

Page 1 of 2

Engine Family BCR5.9T4BC5

Engine
Code

ECS (Special Features) AIP, EGR, OC

CID (Liters)-Type 318 (5.2) V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
M- 4*(5.2)	<u>B1</u> B1, PB1	M4 O.D.	<u>4250</u> 4500	Distributor 4111501	Carburetor 4213706*	4104031 4105031	VECI 4210302 Vac. Hose 4268366
M- 5*(5.2)	<u>B1, D150</u> <u>B1, PB1, D150</u> B1, B2, PB1 PB2		<u>4000</u> <u>4250</u> 4500				VECI 4210302 Vac. Hose 4268365
A- 6*(5.2)	<u>B1, D150</u> <u>B1, PB1, D150</u>		<u>4000</u> <u>4250</u>				4145602
A- 7*(5.2)	B1	4250	VECI 4210302 Vac. Hose 4268366				
A- 8*(5.2)	<u>B1, B2, PB1</u> <u>PB2</u> AW1, PW1	<u>4500</u> <u>4750</u>	VECI 4210302 Vac. Hose 4268365				
A- 9*(5.2)	B1, PB1	4500	VECI 4210302 Vac. Hose 4268366				

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment.

Date of Issue - 7-22-80
*Revised: 9-05-80 (RC#14T C)

E.O. #A -9-86

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☐ Passenger Cars ☒ Light-Duty Trucks ☐ Medium-Duty Vehicles ☒ Gas ☐ Diesel
 Manufacturer Chrysler Page 2 of 2
 Engine Family BCR5.9T4BC5 Engine Code _____

ECS (Special Features) AIP, EGR, OC CID (Liters)-Type 360 (5.9) V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class	Ign. System Part No.	Fuel System 4V Part No.	EGR Valve Part No.	Label Ident. Part No.
M-3*(5.9)	D150	M4	4000	4145364	4213708*	4104027 4105027	VECI 4210296 Vac. Hose 4268367
A-8*(5.9)	D150 B2, PB2	A3	4000 4500	Distributor 4145604		4104089 4105089	
A-10(5.9) *	D150 B2, PB2 AW1, PW1		4000 4500 5000			4104033 4105033	

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment.

Date of Issue - 7-22-80
 *Revised: 9-05-80 (RC#14T C)

051280

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

___ Passenger Cars X Light-Duty Trucks ___ Medium-Duty Vehicles X Gas ___ Diesel

Manufacturer Chrysler Page 4

Engine Family BCR5.9T4BC5 Engine Code

ECS (Special Features) AIP, EGR, OC CID (Liter)-Type 318 (5.2) V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
M-6**(5.2)	B1	M4 O.D.	4250	Distributor 4111501	Carburetor 4213706*	4104029** 4105029**	VECI 4210302
	B1, PB1		4500				Vac. Hose 4268366
	B1, D150		4000				VECI 4210302
	B1, PB1, D150		4250				Vac. Hose 4268365
	B1, B2, PB1 PB2		4500				
A-10 **(5.2)	B1, D150	A3	4000	4145602	4213707*	4104086 4105086	VECI 4210302
	B1, PB1, D150		4250				Vac. Hose 4268366
	B1						
A-11**(5.2)	B1, B2, PB1 PB2		4500			4104037 4105037	VECI 4210302
	AW1, PW1		4750				Vac. Hose 4268365
	B1, PB1		4500				VECI 4210302 Vac. Hose 4268366

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 07-22-80

*Revised - 09-05-80 (RC#14T C)

**Revised - 12-24-80 (RC#17TC: 12-09-80) Add vac delay, restriction in purge hose, etc.

E.O. #A -9-86

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☐ Passenger Cars ☒ Light-Duty Trucks ☐ Medium-Duty Vehicles ☒ Gas ☐ Diesel

Manufacturer Chrysler Page 5

Engine Family BCR5.9T4BC5 Engine Code

ECS (Special Features) AIP, EGR, OC CID (Liter)-Type 360 (5.9) V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System 4V Part No.	EGR Valve Part No.	Label Ident. Part No.
M-5**(5.9)	D150	M4	4000	4145364	4213708*	4104027 4105027	VECI 5210296 Vac. Hose 4268367
A-14**(5.9)	B2, PB2	A3	4500	Distributor 4145604		4104089 4105089	
A-15**(5.9)	D150		4000			4104033 4105033	
	B2, PB2		4500				
	AW1, PW1		5000				

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 07-22-80

*Revised - 09-05-80 (RC#14T C)
 **Revised - 12-24-80 (RC#17TC: 12-09-80) Add vac. delay, restriction in purge hose, etc.